

## Abstract

A device for detecting the combustion-chamber pressure in an internal combustion engine is to be configured in such a way that the combustion-chamber pressure is able to be detected in a reliable and reproducible manner.

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To this end, a heating pin (17) exposed to the combustion-chamber pressure is fixed in place in a housing (13) of the glow plug (11) with the aid of a fixation member (22). A sensor (26) is affixed in the housing (13) of the glow plug (11) via a fixation element (29) set apart from this fixation member (22). This sensor (26)

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detects the elastic longitudinal expansion of the housing (13) caused by the combustion-chamber pressure between the end of the fixation member (22) facing the sensor (26) and the fixation point of the fixation element (29) on the housing (13).

This device is preferably utilized in the automotive industry.

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(Fig.)